

## EAST Search History

| Ref # | Hits   | Search Query                                                                                                                                                                                                                                                                                                                                                                                                  | DBs                                                               | Default Operator | Plurals | Time Stamp       |
|-------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|------------------|---------|------------------|
| L5    | 36     | ("5274568").URPN.                                                                                                                                                                                                                                                                                                                                                                                             | USPAT                                                             | OR               | OFF     | 2006/07/06 11:14 |
| S1    | 0      | ("6367056.pn.").PN.                                                                                                                                                                                                                                                                                                                                                                                           | USPAT;<br>USOCR                                                   | OR               | OFF     | 2006/06/22 17:20 |
| S2    | 0      | ("6367056.pn.").PN.                                                                                                                                                                                                                                                                                                                                                                                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/06/22 17:20 |
| S3    | 0      | ("6367056.pn.").PN.                                                                                                                                                                                                                                                                                                                                                                                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/06/22 17:20 |
| S4    | 2      | ("6367056").PN.                                                                                                                                                                                                                                                                                                                                                                                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2006/06/22 17:20 |
| S5    | 32     | ("4882690"   "5111413"  <br>"5301318"   "5335320"   "5341308"<br>  "5436849"   "5442790"  <br>"5473547"   "5526517"   "5541849"<br>  "5636133"   "5712794"  <br>"5721912"   "5724251"   "5754441"<br>  "5761079"   "5812847"  <br>"5825661"   "5831863"   "5856926"<br>  "5859776"   "5867396"  <br>"5867399"   "5870308"   "5875112"<br>  "5896521"   "5903475"  <br>"6102964").PN. OR ("6367056").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR               | OFF     | 2006/06/28 12:28 |
| S6    | 138289 | timing same (calculations, predict\$3<br>model\$3 response assumption)                                                                                                                                                                                                                                                                                                                                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/06/29 17:12 |
| S7    | 11828  | statistical same variation                                                                                                                                                                                                                                                                                                                                                                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/06/28 12:30 |

(correction or modification of factor)

## EAST Search History

|     |        |                                   |                                                                   |    |    |                  |
|-----|--------|-----------------------------------|-------------------------------------------------------------------|----|----|------------------|
| S8  | 775    | S6 and S7                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/28 12:30 |
| S9  | 505145 | signal same (path or propagation) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/28 12:31 |
| S10 | 281    | S8 and S9                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/28 12:31 |
| S11 | 28606  | correction adj factor             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/28 12:31 |
| S12 | 18     | S10 and S11                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/28 15:08 |
| S13 | 253601 | estimate (coarse and refine)      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/28 12:33 |
| S14 | 343    | S8 and S13                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/28 12:33 |
| S15 | 118    | S10 and S13                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/28 12:46 |

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|     |        |                                                                       |                                                                   |    |    |                  |
|-----|--------|-----------------------------------------------------------------------|-------------------------------------------------------------------|----|----|------------------|
| S16 | 10     | S12 and S13                                                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/28 12:33 |
| S17 | 106    | signal near path near (model\$3<br>predict\$3)                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/28 12:47 |
| S18 | 153    | (coarse refine refined) same timing<br>and "716"/\$.ccls.             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/28 12:49 |
| S19 | 2      | S17 and S18                                                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/28 13:48 |
| S23 | 1      | 10/651113.app.                                                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/28 13:50 |
| S24 | 9704   | "11" and "716"/\$.ccls.                                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/28 15:09 |
| S25 | 138289 | timing same (calculations predict\$3<br>model\$3 response assumption) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/28 15:09 |
| S26 | 1806   | S24 and S25                                                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/28 15:09 |

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|     |         |                                                   |                                                                   |    |    |                  |
|-----|---------|---------------------------------------------------|-------------------------------------------------------------------|----|----|------------------|
| S27 | 23      | S26 and coarse near (model estimate)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/28 16:03 |
| S28 | 1       | coarse adj estimated adj timing adj response      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/28 16:03 |
| S29 | 3       | coarse near timing adj response                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/29 17:09 |
| S30 | 2901573 | variance scal\$3 correction multiplication offset | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/29 17:10 |
| S31 | 192892  | S30 same factor                                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/29 17:11 |
| S32 | 1017    | S31 and "703"/\$.ccls.                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/29 17:10 |
| S33 | 73703   | S30 adj factor                                    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/29 17:11 |
| S34 | 508     | S33 and "703"/\$.ccls.                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/29 17:11 |

## EAST Search History

|     |        |                                                                    |                                                                   |    |    |                  |
|-----|--------|--------------------------------------------------------------------|-------------------------------------------------------------------|----|----|------------------|
| S35 | 138459 | timing same (calculations predict\$3 model\$3 response assumption) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/29 17:12 |
| S36 | 73     | S34 and S35                                                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/30 15:14 |
| S37 | 11847  | statistical same variation                                         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/29 17:12 |
| S38 | 776    | S35 and S37                                                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/29 17:12 |
| S39 | 3      | S34 and S38                                                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/29 17:13 |
| S41 | 28639  | correction adj factor                                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/30 15:14 |
| S42 | 8003   | S41 and (offset or scaling)                                        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/30 15:15 |
| S43 | 5187   | S42 and (timing or model\$3)                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/06/30 15:15 |

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|     |        |                                                                                                                                       |                                                                   |    |     |                  |
|-----|--------|---------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------|----|-----|------------------|
| S44 | 46     | S43 and "703"/\$.ccls.                                                                                                                | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2006/06/30 15:16 |
| S45 | 44     | ("3784907"   "4063080"  <br>"4698760"   "4916388"   "4916627"<br>  "5051911"   "5077676"  <br>"5168455").PN. OR ("5274568").<br>URPN. | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2006/07/05 11:33 |
| S46 | 8      | ("3784907"   "4063080"  <br>"4698760"   "4916388"   "4916627"<br>  "5051911"   "5077676"  <br>"5168455").PN.                          | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2006/07/05 11:33 |
| S47 | 36     | ("5274568").URPN.                                                                                                                     | USPAT                                                             | OR | OFF | 2006/07/05 17:23 |
| S48 | 0      | average near timing near variance                                                                                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/05 17:24 |
| S49 | 156    | average same timing same variance                                                                                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/05 17:28 |
| S50 | 9      | S49 same factor                                                                                                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/05 17:25 |
| S51 | 105687 | timing same (prediction or<br>response)                                                                                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/05 17:31 |
| S52 | 866    | average adj variance                                                                                                                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/05 17:29 |

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|     |         |             |                                                                   |    |     |                  |
|-----|---------|-------------|-------------------------------------------------------------------|----|-----|------------------|
| S53 | 58      | S51 and S52 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/05 17:31 |
| S54 | 1514968 | sampl\$3    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/05 17:32 |
| S55 | 52      | S53 and S54 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2006/07/05 17:32 |